

17236 U.S. PTO  
021904

Attorney Docket No.: 907A.0145.U1(US)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

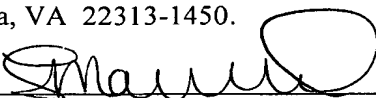
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Lynn Maroldi  
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Commissioner For Patents  
Mail Stop: NEW PATENT APPLICATION  
P.O. Box 1450  
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16834 U.S. PTO  
10/783048  
021904

**NEW APPLICATION TRANSMITTAL FORM**

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): **Richard B. Ertel, Dan M. Griffin, Johnny M. Harris, Eric K. Hall and Thomas R. Giallorenzi**

For (title): **Phase Error Detector Using I/Q Interference Cancellation**

Enclosed are the following:

- ☒ Application Cover Page
- ☒ **21** pages of Specification that consists of, **14** pages of Description, **6** pages of Claims and **1** page of Abstract;
- ☒ **5** sheet of drawings;
- ☒ Inventor(s) Declaration;
- ☐ Preliminary Amendment;
- ☐ Priority is hereby claimed from:
  - Patent Application Number filed on ;
  - Patent Application Number filed on ;
  - Patent Application Number filed on ;
- ☐ Certified Copy of priority document(s);
- ☐ English language translation of priority document;
- ☐ Application Data Sheet;
- ☒ Information Disclosure Statement and/or Form PTO 1449 and cited non-U.S. art (if applicable);
- ☒ Assignment and Recordation Form Cover Sheet;
- ☒ Return Receipt Postcard;
- ☒ Other: **Nonpublication Request Under 35 U.S.C. 122(b)(2)(B)(i)**

Assignment Data

- ☒ An assignment of the invention to L-3 Communications Corporation  
☒ is attached.  
☐ will follow.

Small Entity Status

- ☐ Applicant claims small entity status.

Fees

☐ Design Patent Application \$ 340.00

☒ Utility Patent Application  
Number Number Rate Basic Fee  
Filed Extra  
\$ 770.00

Total  
Claims 20 - 20 = 0 x \$ 18.00 \$

Independent  
Claims 3 - 3 = 3 x \$ 86.00 \$

Assignment Recordal 1 x \$ 40.00 \$ 40.00

TOTAL FEES **\$ 810.00**

- ☒ A check in the amount of **\$ 810.00** in payment of the filing fee is enclosed.

- ☐ Charge \$ \_\_\_\_\_ to Deposit Account No. **50-1924**.

- ☒ The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. 1.16 and 1.17 which may be required for this communication or during the entire pendency of this patent application, or credit any overpayment, to Deposit Account No. **50-1924**.

Correspondence


Address all future communications to: **Customer No.: 29,683**

Direct telephone calls to Gerald J. Stanton at (203) 925-9400

Direct facsimiles to (203) 944-0245

February 19, 2004

Date

  
Gerald J. Stanton (Reg. No.: 46,008)

**Customer No.: 29,683**

Harrington & Smith, LLP  
4 Research Drive  
Shelton, CT 06484-6212  
(203) 925-9400

**NONPUBLICATION REQUEST  
UNDER  
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor	Richard B. Ertel
Title	Phase Error Detector Using I/Q Interference Cancellation
Atty Docket Number	907A.0145.U1(US)

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

February 19, 2004

Date

(203) 925-9400

Telephone number



Signature

Gerald J. Stanton (Reg. No. 46,008)

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**